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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/035,283	01/03/2002	Robert Bruce Belford		4207

7590 06/16/2003  
Robert Bruce Belford  
7232 Mount Juliet Drive  
Davison, MI 48423

EXAMINER

LE, TAN

ART UNIT	PAPER NUMBER
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3632

DATE MAILED: 06/16/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/035,283

Applicant(s)

BELFORD, ROBERT BRUCE

Examiner

Tan Le

Art Unit

3632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 March 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: *Notice of nonresponsive.*

### DETAILED ACTION

1. This is the second office action for Serial number 10/035,283. This action is in response to the amendment filed on 3/10/2003.

2. The reply filed on 2/21/03 is informal/non-responsive to the prior Office action because of the following omission's (or matter's) such as listed below:

(a) It is unclear whether applicant intended to cancel the original claim 1 and replace the original claim 1 by new claims as presented in the Amendment or not. If applicant intended to cancel the original claim 1, the numbering of the new claims must be in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. Note that when claims are canceled, the remaining claims must not be renumbered; and when new claims are presented, they must be numbered consecutively beginning with the number next following the highest numbered claims previously presented (whether entered or not). If applicant did not intend to cancel the original claim but to add new claims, applicant is required to pay an additional filing fee in accordance with 37 C.F.R. 1.16.

(b) Lacks of arguments in response: Applicant should submit an argument under the heading "Remarks" pointing out disagreements with the examiner's contentions. Applicant must also discuss the references applied against the claims, explaining how the claims avoid the references or distinguish from them. See MPEP 714.03.

(c) No statement in the amendment that indicates "introduces no new matter into the disclosure".

(d) Not fully responsive to the 112 second paragraph rejection. (Note that the new claims are still rejected as failing to define the invention in the manner required by 35 U.S.C. 112, second paragraph. The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note: See the format of the claims in the patent(s) cited.)

(e) Not fully responsive to the objection of the drawings, specification and the abstract.

**Suggestion to advance prosecution:**

3. A complete substitute specification and drawings with a statement of "introducing no new matter into the disclosure" in response to this action is requested.

The specification must clearly describe the invention and teach how to make the invention. Use reference numbers to describe elements of the invention, not by the figure numbers. The reference numbers must also show on the drawings and the drawings must show by the reference numbers as described in the specification. Every figure must label with a figure number.

A complete set of new claims starting with claim No. 2. And a statement of canceling of original claim (claim 1) is also requested.

The claims must be written to define the invention in the manner required by 35 USC 112, second paragraph. No "Fig. No." in the claims. The claims must be written in

one sentence only (use period (.) only at the end of the claim). A preamble to describe the invention to be claimed must also be included at the beginning of the claims. No "I claim that" in the claims. Also upper case letters in the claims must be deleted, etc.

Provide arguments over the 102 (b) rejection as set out in the previous office action.

A response must be filed as a supplemental amendment in that Applicant must indicate that the previous amendment be replaced by the supplemental amendment.

4. An examination of this application reveals that applicant is unfamiliar with patent prosecution procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent upon skilled preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

5. Receipt and Handling of Mail and Papers:

It would be of great assistance to the Office if all incoming papers pertaining to a filed application carried the following items:

Art Unit: 3632

1. Application number (checked for accuracy, including series code and serial no.).
2. Group art unit number (copied from most recent Office communication).
3. Filing date.
4. Name of the examiner who prepared the most recent Office action.
5. Title of invention.
6. Confirmation number (See MPEP § 503).

6. The following are suggested formats for either a Certificate of Mailing or Certificate of Transmission under 37 CFR 1.8(a). The certification may be included with all correspondence concerning this application or proceeding to establish a date of mailing or transmission under 37 CFR 1.8(a). Proper use of this procedure will result in such communication being considered as timely if the established date is within the required period for reply. The Certificate should be signed by the individual actually depositing or transmitting the correspondence or by an individual who, upon information and belief, expects the correspondence to be mailed or transmitted in the normal course of business by another no later than the date indicated.

### **Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

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P.O. Box 1450  
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Typed or printed name of person signing this certificate:

\_\_\_\_\_

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**Certificate of Transmission**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (703) \_\_\_\_\_ - \_\_\_\_\_ on \_\_\_\_\_.  
(Date)

Typed or printed name of person signing this certificate:

\_\_\_\_\_

Signature: \_\_\_\_\_

Please refer to 37 CFR 1.6(d) and 1.8(a)(2) for filing limitations concerning facsimile transmissions and mailing, respectively.

7. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tan Le, whose telephone number is 703.305.8244. The Examiner can normally be reached on Monday through Thursday, 9:00-6:00 and alternating Mondays.

The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9326 for official communications and (703) 872-9327 for After Final communications.

Any inquiry of a general nature or relating to the status of this Application should be directed to the Group receptionist at 703.308.2168.



Tan Le  
Patent Examiner  
June 9, 2003